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/MP/	CA	JONAS et al. "Simultaneous Evaluation of Fatty Acid Metabolism and Myocardial Flow in an Explanted Heart" The Journal of Nuclear Medicine 37(12): 1990-1994 (1996)		
/MP/	СВ	EISENHUT et al. "Trapping and Metabolism of Radioiodinated PHIPA 3-10 in the Rat Myocardium" The Journal of Nuclear Medicine 38(12): 1864-1869 (1997)		

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/MP/	вв	WO 2004/092184 A1	10/28/2004	Forschungszentrum Rossendorf E.V.	abstract	

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/MP/	AE	AMBROSE et al., "Evaluation of the metabolism in rat hearts of two new radioiodinated 3-methyl-branched fatty acid myocardial imaging agents", Eur Jnl Nucl Med (1987), 12:486-491.	
/MP/	AF	AMBROSE et al., "Effect of 3-methyl-branching on the metabolism in rat hearts of radioiodinated iodovinyl long chain fatty acids", Eur Jnl Nucl Med (1987) 13:374-379.	
/MP/	AL	DE GEETER et al., "Relationship between blood flow and fatty acid metabolism in subacute myocardial infarction: a study by means of ^{99m} Tc-Sestamibi and ¹²³ I-β-methyl-iodo-phenyl pentadecanoic acid", Eur Jnl of Nucl Med, Vol. 21, No. 4, (1994).	
/MP/	AN	DEGRADO et al., "β-Methyl-15- <i>p</i> -iodophenylpentadecanoic acid metabolism and kinetics in the isolated rat heart", Eur Jnl Nucl Med (1989), 15:78–80.	
/MP/	AY	FRITZBERG et al., "lodophenylsulfonamide fatty acid analogs as potential myocardial imaging agents", Int Jnl Appl Radiat Isot (1982) 33(6): 451-3. Pages 450 and 451 mis	si
/MP	AZ	FUJIBAYASHI et al., "Myocardial accumulation of iodinated beta-methyl-branched fatty acid analog, [125I](p-iodophenyl)-3-(R,S)-methylpentadecanoic acid (BMIPP), and correlation to ATP concentration – II, Studies in salt-induced hypertensive rats", Nucl Med Biol (1993) 20(2): 163-6.	
/MP/	ВА	FUJIBAYASHI et al., "Basic Studies on I-123-beta-methyl-p-iodophenylpentadecanoic Acid (BMIPP) for Myocardial Functional Diagnosis: Effect of Beta-oxidation Inhibitor",	
/MP/	вн	HASEGAWA et al., "Detection of viable myocardium with p-iodophenyl-9-(R,S)-methylpentadecanoic acid in ischemic rat myocardium", Jnl of Nucl Cardiology, (2002) Vol. 9, 5:463-70.	
/MP/	Ві	HASHIMOTO et al., "Prediction of left ventricular functional recovery in patients with acute myocardial infarction using single photon emission computed tomography with thallium-201 and iodine-123-beta-methyl-p-iodophenyl-pentadecanoic acid", Jnl Cardiology, (1995) 26(2): 59-68. PubMed English Abstract, 2-pages.	

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300	Stitute for form 144071 1	•		Application Number	10/827,054-Conf. #2370	
INFORMATION DISCLOSURE				Filing Date	April 19, 2004	
S	STATEMENT BY APPLICANT			First Named Inventor	David Elmaleh	
				Art Unit	1618	
	(Use as many sheets as necessary)			Examiner Name	M. J. Perreira	
Sheet	2	of	3	Attorney Docket Number	62041(51588)	

/MP	BQ /	ISOBE et al., "The characteristics of myocardial fatty acid metabolism in patients with left ventricular hypertrophy", Kaku Igaku, (1999) 36(7): 725-33, PubMed English Abstract, 2-pages.			
/MP	BR	ISOBE et al., "Usefulness of 201TI/123I-BMIPP myocardial SPECT to evaluate myocardial viability and area at risk in acute myocardial infarction –comparison with 201TI/99mTc-PYP dual SPECT", Kaku Igaku, (1997) 34(4): 213-20, PubMed English Abstract. 1 page.			
/MP/	BS	ITO et al., "Relation between thallium-201/iodine 123-BMIPP subtraction and fluorine 18 deoxyglucose polar maps in patients with hypertrophic cardiomyopathy", Jnl Nucl Cardiology, (2000), Vol. 7, 1;16-22.			
/MP/	BY	KAWAMOTO et al., "Value of fatty acid imaging using 1231-beta-methyl lodophenyl pentadecanoic acid (BMIPP) to assess viability of infarcted myocardium", Kaku Igaku, (1991), 28(9): 1081-9, PubMed English Abstract, 1 pages.			
/MP/	BZ	KAWAMURA et al., "Evaluation of Branched Chain Fatty Acid, BMIPP [β-methyl-ω-(p-iodophenyl)-pentadecanoic acid] for the Myocardial Imaging – basic experiment", Kaku Igaku (1992) 29(4); 453-61.			
/MP/	СВ	KIHARA et al., "Clinical study on myocardial imaging with beta-methyl-p-(123I)-iodophenyl-pentadecanoic acid in patients with mitochondrial myopathy", Kaku Igaku, (1992), 29(4):453-61, PubMed English Abstract, 1 pages.			
/MP/	CC	KIM et al., "Detection of impaired fatty acid metabolism in right ventricular hypertrophy: Assessment by I-123 β-methyl iodophenyl pentadecanoic acid (BMIPP) myocardial single-photon emission computed tomography", Annals of Nucl Med, (1997) Vol. 11, 3, 207-212.			
/MP/	CG	KNAPP et al., "lodine-123-labelled fatty acids for myocardial single-photon emission tomography: current status and future perspectives", Eur Jnl of Nucl Med, (1995) Vol., 22, No. 4, 361-381.			
/MP/	CH	KNAPP et al., "New radioiodinated methyl-branched fatty acids for cardiac studies", Eur Jnl of Nucl Med (1986), 12:S39-S44.			
/MP/	CI	KOBAYASHI et al., "Fatty acid metabolic and perfusion abnormalities in hypertrophied myocardium assessed by dual tracer tomography using thallium-201 and iodine-123-beta-methylpentadecanoic acid", Jnl Cardiology, (1994), 24(1): 35-43, PubMed English Abstract, 2 pages.			
/MP/	CR	MACHULLA et al., "Biochemical Concept and Synthesis of a Radioiodinated Phenylfatty Acid for in Vivo Metabolic Studies of the Myocardium", Eur Jnl Nucl Med, (1980), 5, 171-173.			
/MP/	CU	MORI et al., "Relationship between ventricular arrythmias and myocardial fatty acid metabolism in patients with coronary heart disease: evaluation using iodine-123 beta-methyl-p-iodophenyl-pentadecanoic acid", Jnl of Cardiology, (1999), 34(2):61-9, PubMed English Abstract, 2 pages.			
/MP/	DA	NISHIMURA et al., "Prognosis of hypertrophic cardiomyopathy: Assessment by ¹²³ I-BMIPP (β-methyl-p(¹²³ I)-iodophenyl pentadecanoic acid) myocardial single photon emission computed tomography". Annals of Nucl Med. Vol. 10, No. 1, (1996) 71-78.			
/MP/	DC	NISHIMURA et al., "Fatty acid myocardial imaging using ¹²³ I-β-methyl-iodophenyl pentadecanoic acid (BMIPP): comparison of myocardial perfusion and fatty acid utilization in canine myocardial infarction (Occlusion and reperfusion model), Eur Jnl Nucl Med (1989) 15:341-345.			
/MP/	DE	NISHIMURA et al., "Clinical results with β-methyl-p(¹²³ l)iodophenylpentadecanoic acid, single-photon emission computed tomography in cardiac disease", Jnl of Nucl Cardiology, (1994) Vol. 1, No. 2;S65-S71.			
/MP/	DR	SCHELBERT, H.R., "Positron-emission tomography: assessment of myocardial blood flow and metabolism", Circulation (1985), Vol. 72 (suppl IV), IV-122 – 133.			

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300	stitute for form 1445//			Application Number	10/827,054-Conf. #2370	
IN	IFORMATION	ON DISC	CLOSURE	Filing Date	April 19, 2004	
S	STATEMENT BY APPLICANT			First Named Inventor	David Elmaleh	
				Art Unit	1618	
	(Use as many she ets as necess ary)			Examiner Name	M. J. Perreira	
Sheet	3	of	3	Attorney Docket Number	62041(51588)	

/MP	DY	SCHLOSSER et al., "Fluor-olefine durch Fluormethylenierung von Carbonylverbindugen", Synthesis, 1:75-76			
/MP/	DZ	SCHON, et al., "C-11 labeled palmitic acid for the noninvasive evaluation of regional myocardial fatty acid metabolism with positron computed tomography. II. Kinetics of C-11 palmitic acid in acutely ischemic myocardium", 1982, Am Heart Jnl 103:548-561.			
/MP/	EB	SHIOTANI et al., "Myocardial SPECT with iodine-123-labeled beta-methyl-branched fatty acid in patients with angina pextoris", Kaku Igaku, (1994), 31(11):1343-9, PubMed English Abstract, 1 page.			
/MP/	EC	SHOGASE et al., "A role of nuclear medicine in diagnosing cardiac disease – clinical use of 123I-BMIPP and 123I-MIBG", Rinsho Byori (2000), 48(2):113-20, PubMed English Abstract, 1 page.			
/MP/	EM	TAKAHASHI et al., "Clinical usefulness of myocardial iodine-123-15-(p-iodophenyl)-3(R,S)-methyl-pentadecanoic acid distribution abnormality in patients with mitochondrial encephalomyopathy based on normal data file in bull's-eye polar map", Jnl. of Cardiology, (1998), 31(1):1-10, PubMed English Abstract, 1 page.			
/MP/	EN	TAMAKI et al., "Myocardial imaging using PET and SPECT", Nippon Rinsho (1998), 56(10):2550-5, PubMed English Abstract, 1 page.			
/MP/	EO	TAMAKI et al., "Radionuclide assessment of myocardial fatty acid metabolism by PET and SPECT", Jnl of Nucl Cardiology (1995) 2:256-66.			
/MP/	EQ	TANIGUCHI et al., "Separate evaluation of beta-methyl fatty acid uptake and perfusion in rat myocardium", Kaku Igaku, (1989) 26(12):1523-30, PubMed English Abstract, 1 page.			
/MP/	EW	WESTERA et al., "A Comparison Between Terminally Radioiodinated Hexadecenoic Acid (*I-HA) and ²⁰¹ TI-Thallium Chloride in the Dog Heart", Eur Jnl Nucl Med, (1980), 5, 339-343.			
/MP/	FK	CORBETT. J.R., "Fatty Acids for Myocardial Imaging", [Cardiovascular Nuclear Medicine, Part 1], Seminars in Nuclear Medicine, Vol. XXIX, No. 3 (1999) pp. 237-258.			

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